

VIEWING ENHANCING APPARATUS FOR VISIBILITY IMPAIRED FLUID

ABSTRACT OF THE DISCLOSURE

[0059] Viewing enhancing apparatus for visibility impaired fluid, such as turbid water or a smoke-filled room, includes a fluid-permeable sidewall and a housing defining a confluence cavity having an axis extending between first and second housing ends. The housing ends are connected by the sidewall. The second housing end is open. The sidewall has a proximal end towards the first housing end and a distal end towards the second housing end. The housing defines a supply cavity surrounding the sidewall and coupleable to a source of viewing fluid, typically clear water when operating in a turbid water environment. The sidewall provides a resistance to flow of the viewing fluid therethrough, the resistance varying according to the position on the sidewall. The viewing fluid passes through the confluence cavity and exits the second housing end. This creates a chosen velocity profile for the viewing fluid exiting the second housing end.